

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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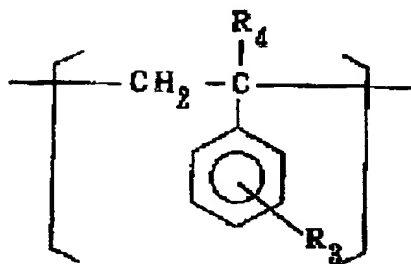
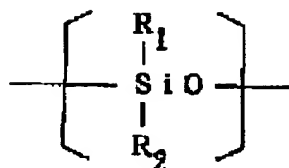
APPLICATION DATE : 12-07-93  
APPLICATION NUMBER : 05193849

APPLICANT : FUJI XEROX CO LTD;

INVENTOR : ASHITANI SEIJI;

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TITLE : ELECTROPHOTOGRAPHIC  
PHOTORECEPTOR



ABSTRACT : PURPOSE: To provide a homogeneous electrophotographic photoreceptor having high mechanical durability and satisfactory surface smoothness of the photosensitive layer, hardly lowering image quality or sensitivity and using a coating material for a photosensitive layer having a long pot life (satisfactory preservability).

CONSTITUTION: This electrophotographic photoreceptor contains an A-B block copolymer resin consisting of polysiloxane having repeating units represented by formula I and polystyrene having repeating units represented by formula II in at least the surface layer. In the formula I, each of R<sub>1</sub> and R<sub>2</sub> is alkyl which may have a substituent or aryl which may have a substituent. In the formula II, R<sub>3</sub> is H, alkyl which may have a substituent or halogen and R<sub>4</sub> is H or alkyl which may have a substituent.

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